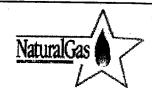
Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



Company Information

Company Name: ConocoPhillips

Gas STAR Contact: Alena Jonas

Title Sr. Environmental Consultant

Address: P.O. Box 2197

3WL 5046

City: Houston

State: TX

Zip: 77252

Phone: 832-486-2423

Fax: 832-486-2296

E-mail: Alena.jonas@conocophillips.com

Company Information Updated: No

Activities Reported

BMP1: Yes BMP2: No BMP3: Yes

Total Methane Emission Reductions Reported This Year: 2,338,570

Previous Years' Activities Reported: No

Period Covered by Report

From: 01/01/2009

To: 12/31/2009

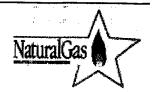
I hereby certify the accuracy of the data contained in this report.

Additional Comments

Reseived 4/30/10 Entered into 1 Star - 8/9/10 CA(ac 8/4/20 DF

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



BMP1: Identify and Replace High-Bleed Pneumatic Devices

Current Year Activities

A. Facility/location identifier information:

Mid-Continent Business Unit

В.	Fac	cility	Sun	nmary
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Number of devices replaced this reporting period: Percent of system now equipped with low/no-bleed units: 81 devices

C. Cost Summary

Estimated cost per replacement (including equipment and labor): \$

D. Methane Emissions Reduction

Method Used: Other

Data Source: Not Applicable

Methane Emissions Reduction:

21,412 Mcf/year

manufacturer's basis-avg:

Invalco Specifications for Model CTU-415:

Supply Pressure

20 to 30 psi

Supply Connection

1/4" FNPT

Output Connection

1/4" FNPT

Gas Consumption

30 SCFH average.

Assuming 1 snap per minute."

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

One-year

✓ Multi-year

If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration (BMP 1 has a sunset period of 7 years).

Partner will report this activity annually up to allowed sunset date.

F. Total Value of Gas Saved

Value of Gas Saved: \$ 64,236

\$ / Mcf used:

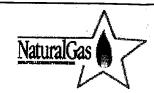
G. Planned Future Activities

Number of high-bleed devices to be replaced next year:

2,000 devices

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



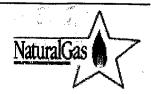
Previous Years' Activities

Year	Number of Devices Replaced	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)
				
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				· · · · · · · · · · · · · · · · · · ·

^{*} Total cost of replacements (including equipment and labor)

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

A. Facility/location identifier information:

San Juan Business Unit

B. Description of PRO

Please specify the technology or practice that was implemented:

Artificial lift: install smart lift automated systems on gas wells (10 years)

Please describe how your company implemented this PRO:

Optimization of existing plunger lifts

C. Level of Implementation

Number of units installed: 10 units

D. Methane Emissions Reduction

Methane Emissions Reduction: 2,000 Mcf/year

Basis for the emissions reduction estimate: Other

Based on field tests

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

✓ One-year

Multi-year

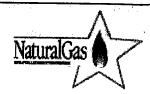
If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Annual Report 2009

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



F. Cost Summar

Estimated cost of implementing the PRO (including equipment and labor): \$_____

G. Total Value of Gas Saved

Value of Gas Saved: \$6,000

\$ / Mcf used: \$ 3.00

H. Planned Future Activities

To what extent do you expect to implement this PRO next year?:

Plan to continue to implement optimization of plunger lifts

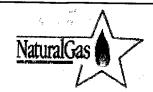
Previous Years' Activities

Year	Frequency of practice/activity or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)
				
		-	v	
			J	

^{*} Total cost of practice/activity (including equipment and labor)

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

A. Facility/location identifier information:

Gulf Coast Business Unit

B. Description of PRO

Please specify the technology or practice that was implemented:

DI&M: leak detection using IR camera/optical imaging

Please describe how your company implemented this PRO:

Facility surveys

C. Level of Implementation

Other: 3 areas surveyed

D. Methane Emissions Reduction

Methane Emissions Reduction: 99,376 Mcf/yea

Basis for the emissions reduction estimate:

Other

Estimated based on previous experience

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

✓ One-year

Multi-year

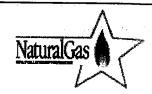
If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Annual Report 2009

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$

G. Total Value of Gas Saved

Value of Gas Saved: \$298,128

\$ / Mcf used: \$ 3.00

H. Planned Future Activities

To what extent do you expect to implement this PRO next year?:

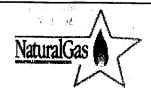
Plan to continue utilizing FLIR technology in all Lower 48 business

evious Y	ears' Activities	technology in all Lower 48 busines units			
Year	Frequency of practice/activity or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)	
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^{*} Total cost of practice/activity (including equipment and labor)

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

A. Facility/location identifier information:

Gulf Coast Business Unit

B. Description of PRO

Please specify the technology or practice that was implemented:

Install electric starters (10 years)

Please describe how your company implemented this PRO:

Install electire starters

C. Level of Implementation

Number of units installed: 12 units

D. Methane Emissions Reduction

Methane Emissions Reduction: 240 Mcf/year



Basis for the emissions reduction estimate:

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

One-year

✓ Multi-year

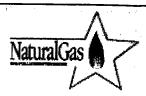
If Multi-year:

✓ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

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Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



F. Cost Summai	у
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Estimated cost of implementing the PRO (including equipment and labor): \$

G. Total Value of Gas Saved

Value of Gas Saved: \$ 720

\$ / Mcf used: \$ 3.00

H. Planned Future Activities

To what extent do you expect to implement this PRO next year?:

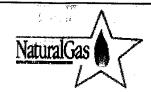
Previous Years' Activities

Year	Frequency of practice/activity or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)
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^{*} Total cost of practice/activity (including equipment and labor)

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

A. Facility/location identifier information:

Gulf Coast Business Unit

B. Description of PRO

Please specify the technology or practice that was implemented:

Install vapor recovery units (VRUs) (10 years)

Please describe how your company implemented this PRO:

Installation of one Vapor Recovery unit at tank battery

C. Level of Implementation

Number of units installed: 1 units

D. Methane Emissions Reduction

Methane Emissions Reduction: 63

63,174 Mcf/year

Basis for the emissions reduction estimate:

Calculation using manufacturer specifications

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

One-year

✓ Multi-year

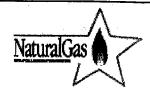
If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Annual Report 2009

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



F.	Cost	Sum	ma	r
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Estimated cost of implementing the PRO (including equipment and labor): \$_____

G. Total Value of Gas Saved

Value of Gas Saved: \$ 189,522

\$ / Mcf used: \$ 3.00

H. Planned Future Activities

To what extent do you expect to implement this PRO next year?:

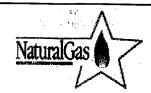
Previous Years' Activities

Year	Frequency of practice/activity or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)	
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^{*} Total cost of practice/activity (including equipment and labor)

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

A. Facility/location identifier information:

Gulf Coast Business Unit

B. Description of PRO

Please specify the technology or practice that was implemented:

Other (Please specify)- Install Solar Powered Chemical Injection Pumps

Please describe how your company implemented this PRO:

installation of solar powered pumps

C. Level of Implementation

Number of units installed: 200 units

D. Methane Emissions Reduction

Methane Emissions Reduction: 95,463 Mcf/year

Basis for the emissions reduction estimate:

Calculation using manufacturer specifications

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

One-year

✓ Multi-year

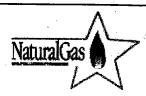
If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Annual Report 2009

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



Estimated cost of implementing t	he PRO (including equipment and labor):	\$
G. Total Value of Gas Saved Value of Gas Saved: \$668,241		
\$ / Mcf used: \$ 7.00 ; H. Planned Future Activities To what extent do you expect to i		

Previous Years' Activities

Year	Frequency of practice/activity or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)
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		i		

^{*} Total cost of practice/activity (including equipment and labor)

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011 Natural Gas Natural Gas

BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

A. Facility/location identifier information:

Gulf Coast Business Unit

New PRO:

- Route gas to compression

B. Description of PRO

Please specify the technology or practice that was implemented:

Other (Please specify)-Install Blowcase Vessels

Please describe how your company implemented this PRO:

Install equipment that pulls off liquids and moves them to tankage

C. Level of Implementation

Number of units installed: 16 units

D. Methane Emissions Reduction

Methane Emissions Reduction:

7,636 Mcf/year

Basis for the emissions reduction estimate:

Calculation using manufacturer specifications

lours.

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

One-year

✓ Multi-year

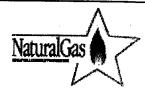
If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Annual Report 2009

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



F. Cost Summary Estimated cost of implementing the PRO (including equipment and labor):	\$
G. Total Value of Gas Saved Value of Gas Saved: \$53,452 / \$ / Mcf used: \$7.00	
H. Planned Future Activities To what extent do you expect to implement this PRO next year?:	

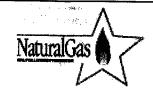
Previous Years' Activities

Year	Frequency of practice/activity or # of Installations		Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)
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^{*} Total cost of practice/activity (including equipment and labor)

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

A. Facility/location identifier information:

Mid-Continent Business Unit

B. Description of PRO

Please specify the technology or practice that was implemented:

Other (Please specify)-Install Solar Powered Chemical Injection Pumps

Please describe how your company implemented this PRO:

replace gas pneumatic pumps with solar-powered pumps

C. Level of Implementation

Number of units installed: 175 units

Per email from Alena, this should

D. Methane Emissions Reduction,

Methane Emissions Reduction:

Basis for the emissions reduction estimate:

Calculation using manufacturer specifications

be 13, 306 Mcf.

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

One-year

✓ Multi-year

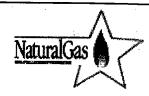
If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Annual Report 2009

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



F.	Cost	Summa	rv
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Estimated cost of implementing the PRO (including equipment and labor): \$

G. Total Value of Gas Saved

Value of Gas Saved: \$33,999

\$ / Mcf used: \$ 7.00

H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: Plan to continue this practice

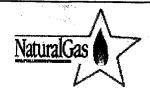
Previous Years' Activities

Year	Frequency of practice/activity or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)
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^{*} Total cost of practice/activity (including equipment and labor)

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

A. Facility/location identifier information:

San Juan Business Unit

B. Description of PRO

Please specify the technology or practice that was implemented:

Other (Please specify)-Install Solar Powered Chemical Injection Pumps

Please describe how your company implemented this PRO:

Replace gas pneumatic pumps with solar-powered

C. Level of Implementation

Number of units installed: 429 units

D. Methane Emissions Reduction

Methane Emissions Reduction: 39,039 Mcf/year

Basis for the emissions reduction estimate:

Calculation using manufacturer specifications

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

One-year

✓ Multi-year

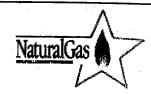
If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Annual Report 2009

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



F. Cost Summary

Estimated cost of implementing the PRO (inc	luding equipment and labor): \$
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G. Total Value of Gas Saved

Value of Gas Saved: \$117,117

\$ / Mcf used: \$ 3.00

H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: Plan to continue practice in future

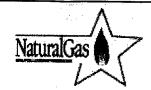
Previous Years' Activities

Year	Frequency of practice/activity or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)
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^{*} Total cost of practice/activity (including equipment and labor)

Production Sector

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BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

A. Facility/location identifier information:

Gulf Coast Business Unit

B. Description of PRO

Please specify the technology or practice that was implemented:

Other (Please specify)-Solar powered downhole injection pumps

Please describe how your company implemented this PRO:

TXAM Downhole Injection Pumps (solar)

C. Level of Implementation

Number of units installed: 21 units

D. Methane Emissions Reduction

Methane Emissions Reduction: 153,428 Mcf/year

Basis for the emissions reduction estimate: Calculation using manufacturer specifications

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

One-year

✓ Multi-year

If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Annual Report 2009

Production Sector

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F. Cost Summary Estimated cost of implementing the PRO (including equipment and labor):	\$
G. Total Value of Gas Saved	
Value of Gas Saved: \$ 1,073,996	
\$ / Mcf used: \$ 7.00	
H. Planned Future Activities To what extent do you expect to implement this PRO next year?:	
Γο what extent do you expect to implement this PRO next year?:	

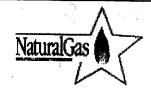
Previous Years' Activities

Year	Frequency of practice/activity or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)
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	t.			
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^{*} Total cost of practice/activity (including equipment and labor)

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

A. Facility/location identifier information:

Mid-Continent Business Unit

B. Description of PRO

Please specify the technology or practice that was implemented:

Other (Please specify)-Temperature Activated Pump Controls

Please describe how your company implemented this PRO:

Install temperature activated pump controls

C. Level of Implementation

Number of units installed: 10 units

Install controllers on gasassisted methanol pumps.

10 years

D. Methane Emissions Reduction

Methane Emissions Reduction: 639 Mcf/yea

Basis for the emissions reduction estimate:

Calculation using manufacturer specifications

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

One-year

✓ Multi-year

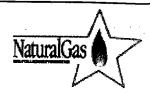
If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

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Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



Estimated cost of implementing the PRO (including equipment and labor): \$	
G. Total Value of Gas Saved Value of Gas Saved: \$1,917 \$ / Mcf used: \$3.00	
H. Planned Future Activities To what extent do you expect to implement this PRO next year?:	

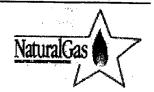
Previous Years' Activities

Year	Frequency of practice/activity or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)
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			7.77	

^{*} Total cost of practice/activity (including equipment and labor)

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

A. Facility/location identifier information:

San Juan Business Unit

B. Description of PRO

Please specify the technology or practice that was implemented:

Perform reduced emissions completions

Please describe how your company implemented this PRO:

57 completions done using closed loop system;

303 flowbacks done using reduced-venting process

C. Level of Implementation

Number of units installed: 360 units

D. Methane Emissions Reduction

Methane Emissions Reduction: 1.721.267 Mcf/vear

Basis for the emissions reduction estimate:

Actual field measurement

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

✓ One-year

Multi-year

If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Annual Report 2009

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



F.	Cost	Sum	ma	ry
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Estimated cost of implementing the PRO (including equipment and labor): \$_____

G. Total Value of Gas Saved

Value of Gas Saved: \$5,163,801

\$ / Mcf used: \$ 3.00

H. Planned Future Activities

To what extent do you expect to implement this PRO next year?:

Continue closed loop completions and reduced time flowbacks next

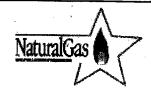
Previous Years' Activities

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Year	Frequency of practice/activity or # of Installations	Total Cost * . (\$)	year Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)
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			W. M.	
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^{*} Total cost of practice/activity (including equipment and labor)

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

A. Facility/location identifier information:

Gulf Coast Business Unit

B. Description of PRO

Please specify the technology or practice that was implemented:

Perform reduced emissions completions

Please describe how your company implemented this PRO:

Use closed-loop process for well completions in GCBU

C. Level of Implementation

Number of units installed: 65 units

D. Methane Emissions Reduction

Methane Emissions Reduction: 130.039 Mcf/vear

Basis for the emissions reduction estimate: Actual field measurement

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

✓ One-year

Multi-year

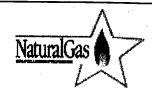
If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Annual Report 2009

Production Sector

OMB Control No. 2060-0328 Expires 07/31/2011



F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$_____

G. Total Value of Gas Saved

Value of Gas Saved: \$390,117

\$ / Mcf used: \$ 3.00

H. Planned Future Activities

To what extent do you expect to implement this PRO next year?:

Will continue to utilize this process

in GCBU

Previous Years' Activities

Year	Frequency of practice/activity or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)
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^{*} Total cost of practice/activity (including equipment and labor)

Annual Report 2009

Production Sector

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Additional Accomplishments

